

| Project Title | Funding | Strategic Plan Objective | Institution |
|--|-------------|--------------------------|---|
| Whole-exome sequencing to identify causative genes for autism | \$350,000 | Q3.L.B | University of California, San Diego |
| Whole Exome Sequencing of Simons Simplex Trios | \$5,656,277 | Q3.L.B | Yale University |
| Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism | \$0 | Q3.S.E | University of Rochester |
| Vitamin D status and autism spectrum disorder: Is there an association? | \$0 | Q3.S.C | University of California, Davis |
| Very early behavioral indicators of ASD risk among NICU infants: A prospective study | \$0 | Q3.S.H | Institute for Basic Research in Developmental Disabilities |
| UC Davis Center for Children's Environmental Health (CCEH) (supplement) | \$130,000 | Q3.L.D | University of California, Davis |
| The transcription factor PLZF: A possible genetic link between immune dysfunction and autism | \$0 | Q3.L.B | Memorial Sloan-Kettering Cancer Center |
| The role of the Rett gene, chromosome 15q11-q13, other genes, and epigenetics | \$1,187 | Q3.S.J | Baylor College of Medicine |
| The role of the neurexin 1 gene in susceptibility to autism | \$0 | Q3.L.B | Massachusetts General Hospital/Harvard Medical School |
| The role of intestinal microbiome in children with autism | \$25,000 | Q3.S.I | Harvard Medical School |
| The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism | \$116,150 | Q3.L.B | Johns Hopkins University School of Medicine |
| The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum | \$75,000 | Q3.L.B | The Pennsylvania State University |
| The CHARGE Study: Childhood Autism Risks from Genetics and the Environment | \$965,562 | Q3.S.C | University of California, Davis |
| Studies of postmortem brain searching for epigenetic defects causing autism | \$200,000 | Q3.S.J | Baylor College of Medicine |
| Structural and functional neural correlates of early postnatal deprivation | \$150,423 | Q3.S.H | Wayne State University |
| Social determinants of the autism epidemic | \$796,950 | Q3.L.D | Columbia University |
| Simons Simplex Collection Site | \$186,539 | Q3.L.B | University of Washington |
| Simons Simplex Collection Site | \$114,869 | Q3.L.B | University of Illinois at Chicago |
| Simons Simplex Collection Site | \$256,849 | Q3.L.B | Emory University |
| Simons Simplex Collection Site | \$516,490 | Q3.L.B | Vanderbilt University |
| Simons Simplex Collection Site | \$124,993 | Q3.L.B | Boston Children's Hospital |
| Simons Simplex Collection Site | \$132,257 | Q3.L.B | The Research Institute of the McGill University Health Centre |
| Simons Simplex Collection Site | \$277,643 | Q3.L.B | University of California, Los Angeles |
| Simons Simplex Collection Site | \$165,584 | Q3.L.B | Baylor College of Medicine |
| Simons Simplex Collection Site | \$402,144 | Q3.L.B | University of Michigan |
| Simons Simplex Collection Site | \$311,075 | Q3.L.B | University of Missouri |
| Simons Simplex Collection Site | \$130,000 | Q3.L.B | Yale University |

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| Simons Simplex Collection Site | \$260,000 | Q3.L.B | Columbia University |
| Simons Simplex Collection | \$144,848 | Q3.L.B | Baylor College of Medicine |
| Simons Foundation Simplex Project Collection Site | \$159,775 | Q3.L.B | Weill Cornell Medical College |
| Sex chromosomes, epigenetics, and neurobehavioral disease | \$378,841 | Q3.S.K | University of Virginia |
| RNA expression patterns in autism | \$705,545 | Q3.L.B | Boston Children's Hospital |
| Risk factors, comorbid conditions, and epidemiology of autism in children | \$143,162 | Q3.S.H | Henry M. Jackson Foundation |
| Research project about a potential infectious origin of autism | \$0 | Q3.S.E | Institut de Recherche Luc Montagnier |
| Relevance of NPAS1/3 balance to autism and schizophrenia | \$0 | Q3.L.B | University of Texas Southwestern Medical Center |
| Recessive genes for autism and mental retardation | \$0 | Q3.L.B | Beth Israel Deaconess Medical Center |
| Rapid phenotyping for rare variant discovery in autism | \$645,169 | Q3.S.A | University of California, Los Angeles |
| Rapid characterization of balanced genomic rearrangements contributing to autism | \$53,459 | Q3.L.B | Massachusetts General Hospital |
| Project 1: Effect of multi-level environmental exposure on birth outcomes | \$30,931 | Q3.S.C | University of California, Berkeley |
| Prenatal and neonatal biologic markers for autism | \$610,723 | Q3.S.C | Kaiser Foundation Research Institute |
| Potential role of non-coding RNAs in autism | \$0 | Q3.L.B | Children's Mercy Hospitals And Clinics |
| Population genetics to improve homozygosity mapping and mapping in admixed groups | \$48,398 | Q3.L.B | Harvard Medical School |
| Perinatal exposure to airborne pollutants and associations with autism phenotype | \$0 | Q3.S.C | University of Southern California |
| Paternal age and epigenetic mechanisms in psychiatric disease | \$0 | Q3.S.J | Research Foundation for Mental Hygiene, Inc/NYSPI |
| Novel animal models of impaired social behavior and anxiety: A role for MeCP2 | \$198,000 | Q3.L.C | University of Pennsylvania |
| Next generation gene discovery in familial autism | \$699,721 | Q3.L.B | University of Washington |
| Next generation approaches to non-human primate bioinformatics | \$13,753 | Q3.Other | Harvard Medical School |
| Neonatal biomarkers in extremely preterm babies predict childhood brain disorders | \$3,465,570 | Q3.S.H | Boston Medical Center |
| Multi-registry analyses for iCARE- West Australia | \$52,587 | Q3.S.H | University of Western Australia |
| Multi-registry analyses for iCARE- Sweden | \$37,400 | Q3.S.H | Karolinska Institutet |
| Multi-registry analyses for iCARE - Norway | \$37,115 | Q3.S.H | Norwegian Institute of Public Health |
| Multi-registry analyses for iCARE - Israel | \$38,335 | Q3.S.H | The Gertner Institute of Epidemiology and Health Policy Research |
| Multi-registry analyses for iCARE - Finland | \$38,335 | Q3.S.H | Turku University |

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| Multi-registry analyses for iCARE - Denmark | \$37,928 | Q3.S.H | Aarhus University |
| Multi-registry analyses for iCARE - Data Management Core | \$72,160 | Q3.S.H | Columbia University |
| Molecular and genetic epidemiology of autism | \$1,125,352 | Q3.L.B | University of Miami Miller School of Medicine |
| Molecular analysis of bipolar and schizophrenia candidate genes | \$408,400 | Q3.S.J | Albert Einstein College of Medicine of Yeshiva University |
| Mitochondria and the etiology of autism | \$87,500 | Q3.L.B | Children's Hospital of Philadelphia |
| MeHG stimulates antiapoptotic signaling in stem cells | \$0 | Q3.S.F | Kennedy Krieger Institute |
| Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model | \$87,793 | Q3.S.J | Baylor College of Medicine |
| Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II | \$0 | Q3.L.C | Harvard University |
| Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II | \$0 | Q3.L.C | Massachusetts General Hospital |
| Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II | \$0 | Q3.L.C | Harvard University |
| Maternal cholesterol and autism | \$178,584 | Q3.S.H | Oregon Health & Science University |
| Locus-specific imprinting on the mammalian X chromosome (supplement) | \$16,875 | Q3.S.J | University of Connecticut |
| Locus-specific imprinting on the mammalian X chromosome | \$327,994 | Q3.S.J | University of Connecticut |
| Linking autism and congenital cerebellar malformations | \$60,000 | Q3.L.B | University of Chicago |
| Isolation of autism susceptibility genes | \$591,231 | Q3.S.A | deCODE Genetics, ehf. |
| In vivo function of neuronal activity-induced MeCP2 phosphorylation | \$292,721 | Q3.S.J | University of Wisconsin - Madison |
| Investigation of DUF1220 domains in human brain function and disease | \$471,018 | Q3.L.B | University of Colorado Denver |
| Integrative genetic analysis of autistic brains | \$400,000 | Q3.L.B | Johns Hopkins University School of Medicine |
| Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment | \$0 | Q3.S.F | East Carolina University |
| Illumina, Inc. | \$1,471,725 | Q3.L.B | Illumina, Inc. |
| Il-6-mediated Jak2/Stat3 signaling and brain development | \$181,913 | Q3.L.C | University of South Florida |
| Identification of aberrantly methylated genes in autism: The role of advanced paternal age | \$0 | Q3.S.J | Research Foundation for Mental Hygiene, Inc. |
| Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences | \$77,501 | Q3.S.J | King's College London |
| Hypocholesterolemic autism spectrum disorder | \$92,155 | Q3.L.B | National Institutes of Health |

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| Human neurobehavioral phenotypes associates with the extended PWS/AS domain | \$628,392 | Q3.S.J | Baylor College of Medicine |
| Genomic influences on development and outcomes in Infants at risk of ASD | \$337,779 | Q3.S.A | University of Alberta |
| Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study | \$0 | Q3.S.A | University of Alberta |
| Genomic hotspots of autism | \$616,368 | Q3.L.B | University of Washington |
| Genome-wide methylation analyses in autism | \$8,419 | Q3.S.J | Cleveland Clinic |
| Genome-wide expression profiling data analysis to study autism genetic models | \$28,000 | Q3.S.A | University of California, Los Angeles |
| Genome-wide examination of DNA methylation in autism | \$0 | Q3.S.J | Johns Hopkins University |
| Genome-wide analyses of DNA methylation in autism | \$200,000 | Q3.S.J | Massachusetts General Hospital |
| Genetics and gene-environment interactions in a Korean epidemiological sample of autism | \$74,662 | Q3.S.C | Yale University |
| Genetic investigation of cognitive development in autistic spectrum disorders | \$184,248 | Q3.L.B | Brown University |
| Genetic epidemiology of complex traits | \$880,653 | Q3.L.B | National Institutes of Health |
| Genetic epidemiology of autism spectrum disorders | \$178,312 | Q3.Other | Yale University |
| Genetic basis of autism | \$3,332,095 | Q3.L.B | Cold Spring Harbor Laboratory |
| Gene-environment interactions in an autism birth cohort | \$3,183,066 | Q3.L.D | Columbia University Health Sciences |
| Further studies on the role of desulfovibrio in regressive autism | \$30,000 | Q3.S.I | VA Medical Center, Los Angeles |
| FOXP2-regulated signaling pathways critical for higher cognitive functions | \$248,865 | Q3.Other | University of Texas Southwestern Medical Center |
| Finding recessive genes for autism spectrum disorders | \$361,824 | Q3.L.B | Boston Children's Hospital |
| Finding autism genes by genomic copy number analysis | \$577,035 | Q3.S.A | Boston Children's Hospital |
| Evaluation of the immune and physiologic response in children with autism following immune challenge | \$327,735 | Q3.S.E | University of California, Davis |
| Etiology of autism risk involving MET gene and the environment | \$0 | Q3.S.E | University of California, Davis |
| Epigenetics, hormones and sex differences in autism incidence | \$85,000 | Q3.S.K | University of Virginia |
| Epigenetic and transcriptional dysregulation in autism spectrum disorder | \$764,608 | Q3.S.J | University of California, Los Angeles |
| Epidemiologic studies of reproductive and developmental outcomes – Denmark | \$300,054 | Q3.S.H | Aarhus University |
| EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis | \$0 | Q3.S.C | University of California, Davis |
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| Environment, the perinatal epigenome, and risk for autism and related disorders | \$2,014,788 | Q3.S.J | Johns Hopkins University |
| Effect of oxytocin receptor inhibitor (atosiban) during the perinatal period and prevalence of autism spectrum disorders | \$105,443 | Q3.S.H | Hebrew University |
| Early life environmental exposures and autism in an existing Swedish birth cohort | \$0 | Q3.S.H | Drexel University |
| Early exposure to acetaminophen and autism | \$0 | Q3.S.F | University of California, Davis |
| Dissecting expression regulation of an autism GWAS hit | \$15,000 | Q3.L.B | University of California, San Francisco |
| Discordant monozygotic twins as a model for genetic-environmental interaction in autism | \$0 | Q3.S.J | Johns Hopkins University |
| Discordant monozygotic twins as a model for genetic-environmental interaction in autism | \$0 | Q3.S.J | Kennedy Krieger Institute |
| Defining the underlying biology of gastrointestinal dysfunction in autism | \$384,971 | Q3.S.I | University of California, Davis |
| Comprehensive genetic variation detection to assess the role of the X chromosome in autism | \$0 | Q3.L.B | Emory University |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania | \$900,000 | Q3.L.D | University of Pennsylvania/Children's Hospital of Philadelphia |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina | \$900,000 | Q3.L.D | University of North Carolina at Chapel Hill |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland | \$1,650,000 | Q3.L.D | Johns Hopkins University |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia | \$1,307,234 | Q3.L.D | Centers for Disease Control and Prevention (CDC) |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center | \$900,000 | Q3.L.D | Michigan State University |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado | \$900,000 | Q3.L.D | Colorado Department of Health and Environment |
| Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California | \$900,000 | Q3.L.D | Kaiser Foundation Research Institute |
| Center for Genomic and Phenomic Studies in Autism (supplement) | \$141,462 | Q3.S.C | University of Southern California |
| Center for Genomic and Phenomic Studies in Autism | \$2,032,846 | Q3.S.C | University of Southern California |
| Cell specific genomic imprinting during cortical development and in mouse models | \$312,559 | Q3.S.J | Harvard University |
| Bioinformatics and Computational Approaches to Integrate Genes and Environment in Autism Research | \$46,991 | Q3.S.G | N/A |
| Autism spectrum disorder and autoimmune disease of mothers | \$91,480 | Q3.S.E | The Feinstein Institute for Medical Research |
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| Autism risk, prenatal environmental exposures, and pathophysiologic markers | \$1,858,222 | Q3.S.C | University of California, Davis |
| Autism Genome Project (AGP) Core Consortium | \$278,113 | Q3.L.B | Nationwide Children's Hospital |
| Autism Genome Project (AGP) Core Consortium | \$50,985 | Q3.L.B | University of Pittsburgh |
| Autism Genome Project (AGP): Genome sequencing and analysis supplement | \$0 | Q3.L.B | The Hospital for Sick Children |
| Autism Genome Project (AGP) | \$0 | Q3.L.B | Autism Speaks (AS) |
| Assisted reproductive treatments and risk of autism | \$0 | Q3.S.H | Institute of Psychiatry, King's College London |
| A recurrent genetic cause of autism | \$200,000 | Q3.L.B | Massachusetts General Hospital |
| Analysis of the small intestinal microbiome of children with autism | \$0 | Q3.S.I | Massachusetts General Hospital |
| Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure | \$0 | Q3.S.K | Universita Campus Bio-Medico di Roma |
| Analysis of candidate genes derived from a protein interaction network in SSC samples | \$0 | Q3.L.B | Baylor College of Medicine |
| A history of behavioral genetics | \$19,900 | Q3.Other | University of Pittsburgh |
| A genome-wide search for autism genes in the SSC Vanderbilt | \$0 | Q3.L.B | Vanderbilt University Medical Center |
| A genome-wide search for autism genes in the SSC UIC | \$0 | Q3.L.B | University of Illinois at Chicago |
| A genome-wide search for autism genes in the SSC UCLA | \$0 | Q3.L.B | University of California, Los Angeles |
| A genome-wide search for autism genes in the SSC Pittsburgh | \$0 | Q3.L.B | University of Pittsburgh |
| A genome-wide search for autism genes in the SSC Emory | \$0 | Q3.L.B | Emory University |
| A genome-wide search for autism genes in the SSC CHB | \$0 | Q3.L.B | Boston Children's Hospital |
| A genome-wide search for autism genes in the SSC Brown | \$0 | Q3.L.B | Brown University |
| A genome-wide search for autism genes in the SSC Baylor | \$0 | Q3.L.B | Baylor College of Medicine |
| A genome-wide search for autism genes in the Simons Simplex Collection | \$1,383,893 | Q3.L.B | Yale University |
| Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis | \$28,000 | Q3.S.A | Albert Einstein College of Medicine of Yeshiva University |
| ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network | \$2,864,377 | Q3.L.A | Drexel University |
| ACE Network: A comprehensive approach to identification of autism susceptibility genes | \$2,759,732 | Q3.L.B | University of California, Los Angeles |
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| ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders | \$398,723 | Q3.L.B | University of California, San Diego |
| ACE Center: Rare variant genetics, contactin-related proteins and autism | \$326,348 | Q3.L.B | Yale University |
| ACE Center: Imaging autism biomarkers + risk genes | \$263,940 | Q3.Other | University of California, San Diego |

